Installation 2

Getting started with Symantec C++ and THINK C is easy. This chapter explains how to install them.

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2 Installation

Installation Overview

Symantec C++ and THINK C use the Apple Installer for installation. If you've installed system software on your Macintosh, you're probably familiar with the Installer.

Symantec C++ and THINK C are compressed into a series of archives. The Symantec C++ and THINK C Installers copy these archives to your hard disk, then decompress them. Because Symantec C++ and THINK C are compressed, you must use the Installer to install them. You cannot copy files off the disks yourself.

Before You Install

Regardless of whether you have Symantec C++ or you have THINK C, there are a few things you should do before beginning installation:

1. If there is a file named `READ ME` on Disk #1, read it. It contains information that was not available at the time the manuals were printed. It's a text file created with TeachText, a small application that comes with every Macintosh. However, you can read it with any word processor or text editor, including the THINK Project Manager.

2. Fill out and mail your registration card. To receive technical support, information about upgrades, or news about special promotions, you must be a registered user.

Note

If you upgraded directly through Symantec from a previous version of Symantec C++ or THINK C, you will not have a registration card in the box—your registration will carry over from the previous version.

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3. Be certain you have enough room on your hard disk. During installation, you need sufficient space to store both the compressed and the decompressed archives. The full installation of Symantec C++ requires 17MB of hard disk space; THINK C requires 11MB of hard disk space.

4. Make sure all your installation disks are locked. You lock a disk by sliding the tab in the corner of the disk toward the edge of the disk.

5. Turn off any virus protection programs, such as Symantec AntiVirus for Macintosh (SAM), which can cause the Installer to fail. If you're worried about viruses, check your hard disk for viruses after you've completed the installation.

If you have THINK C, turn to the section "Installing THINK C" later in this chapter.

Installing Symantec C++

Insert Disk #1 and double-click the file `Installer`. You see a dialog like the one in Figure 2-5.

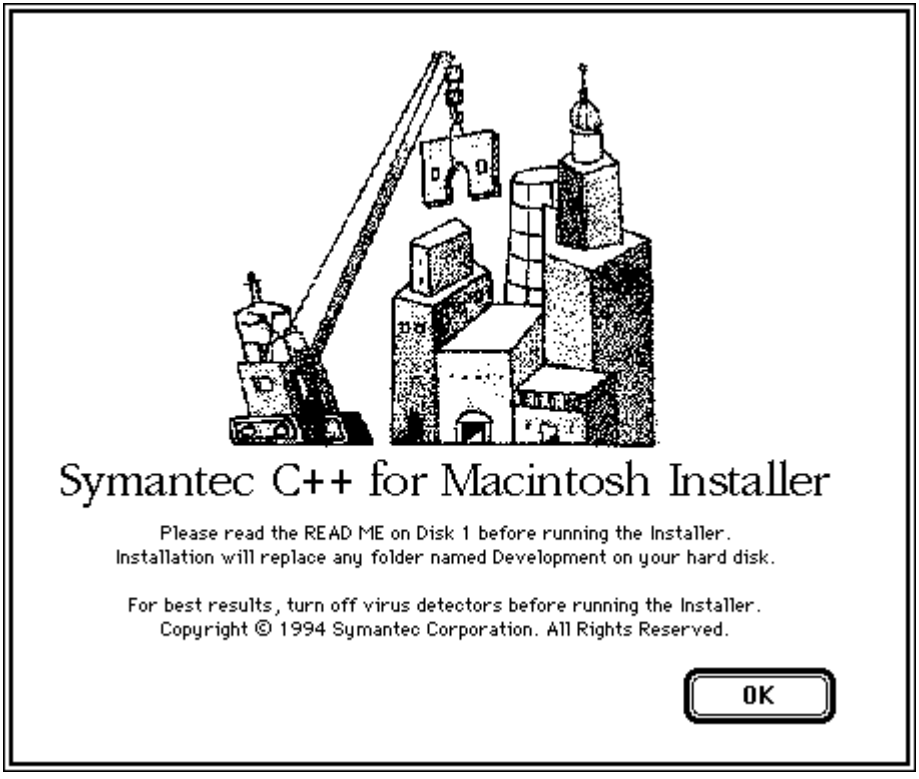

Figure 2-1 Welcome to the Installer for Symantec C++

Click OK, and a dialog like the one in Figure 2-2 appears on the screen.

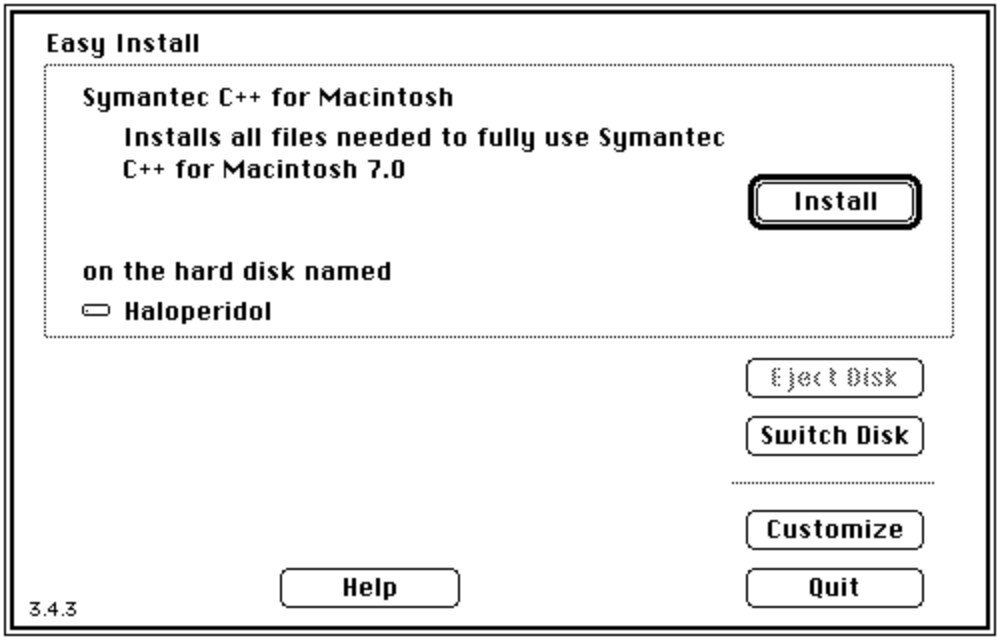

Figure 2-2 Symantec C++ Easy Install dialog

Use the Switch Disk button to choose the hard disk drive that you want to install the software on. Then click the Install button. The Installer lets you know if there isn't sufficient room on your drive.

The Installer copies all the archives onto your hard disk, asking you to insert other disks as necessary. After the archives are copied, the Installer decompresses them. Once it has decompressed an archive,

it deletes the compressed version. To stop installation at any time, click Cancel.

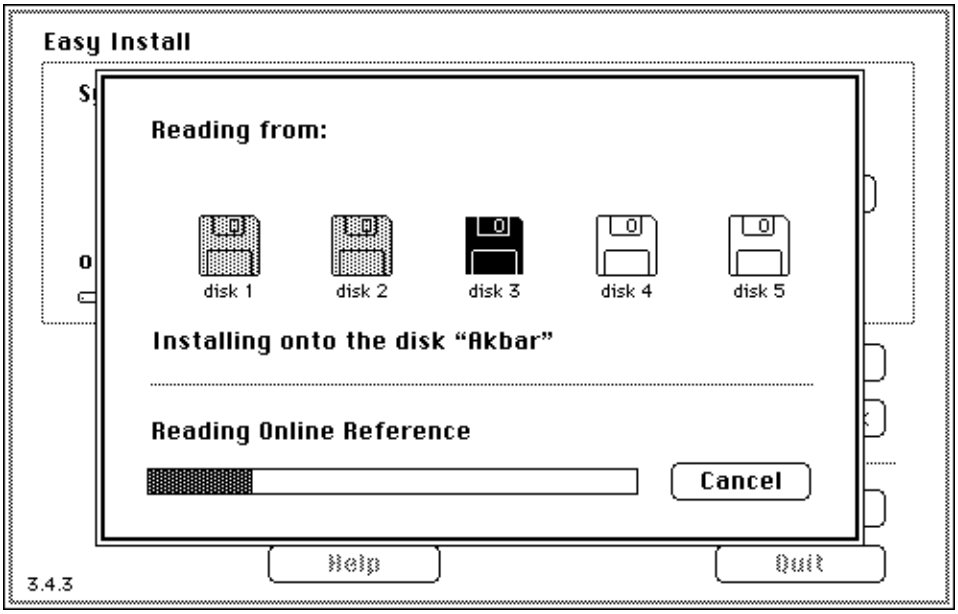

Figure 2-3 Installing your software

If the Installer displays a dialog telling you there is not enough room to install the software, delete the `Development` folder from your hard drive. Either try to free up enough space (around 17MB) or see the section "Installing Just Some of the Product" below.

When the Installer finishes installing the software on your disk, you'll find a folder called `Development`, which contains the entire programming environment.

Installing Just Some of the Product

If you don't need the entire Symantec C++ system, or if you don't have enough disk space to install it, click the Customize button. The

following dialog lets you install only those portions of the system that you want.

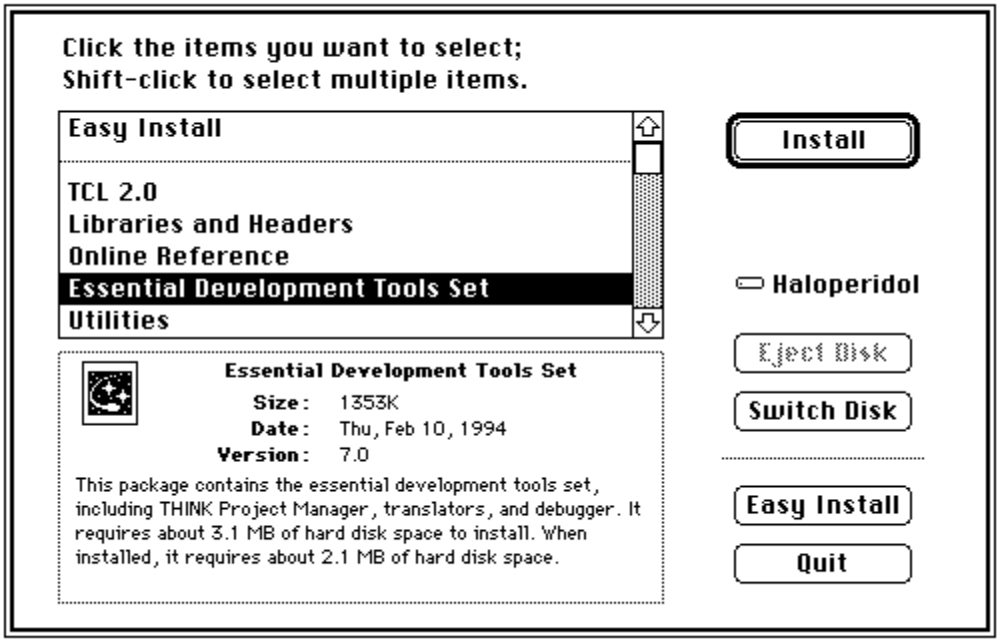

Figure 2-4 Customized installation

To use Symantec C++, you need to install at least the Essential Development Tools Set, and the Libraries and Headers packages. The rest are optional.

Table 2-1 lists all the items and what they contain.

Option	Description
Easy Install	The entire Symantec C++ package. Choosing this option is the same as clicking the Easy Install button. It takes up approximately 17MB.
TCL 2.0	The THINK Class Library, and THINK Class Library and Visual Architect demos.

Table 2-1 Custom installation choices for Symantec C++

Option	Description
Libraries and Headers	The Macintosh C, C++, and OOP libraries and headers. It also contains a support library for the THINK Inspector.
Online Reference	THINK Reference and databases for the ANSI, IOStreams, and Complex libraries.
Essential Development Tools Set	The THINK Project Manager and its translators, THINK Debugger, and the THINK Inspector.
Utilities	ResEdit, SADeRez, Prototype Helper, and the `'aete'` editor stack.
Visual Architect	The Visual Architect application and its related files.
Scripts	Sample AppleScripts and a Frontier install file showing how to control the THINK Project Manager.
Demos	Demos to demonstrate how to use the THINK Project Manager and the C and C++ translators.
Release Notes	Notes and other documentation that did not make it into the manual.

Table 2-1 Custom installation choices for Symantec C++ *(Continued)*

Installing THINK C

Insert Disk #1 and double-click the file `Installer`. A dialog like the one in Figure 2-5 appears.

Figure 2-5 Welcome to the Installer for THINK C

Click OK, and a dialog like the one in Figure 2-2 is displayed.

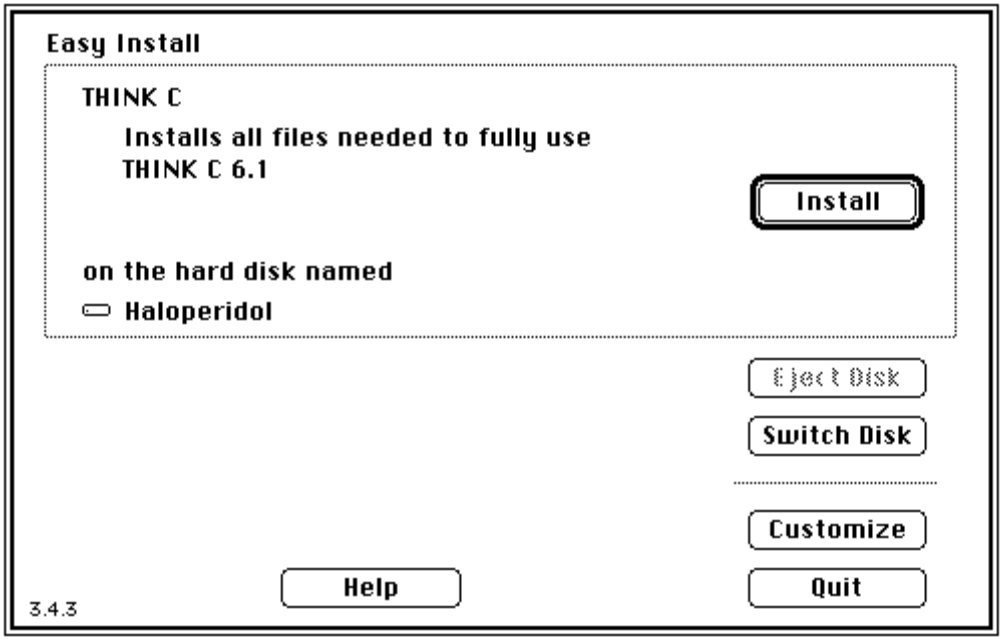

Figure 2-6 THINK C Easy Install dialog

Use the Switch Disk button to choose the hard disk drive that you want to install the software on. Then click the Install button. The Installer lets you know if you don't have enough room on your drive.

The Installer copies all the archives onto your hard disk, asking you to insert other disks as necessary. After the archives are copied over, the Installer decompresses them. Once it has decompressed an archive, it deletes the compressed version. To stop installation at any time, click Cancel.

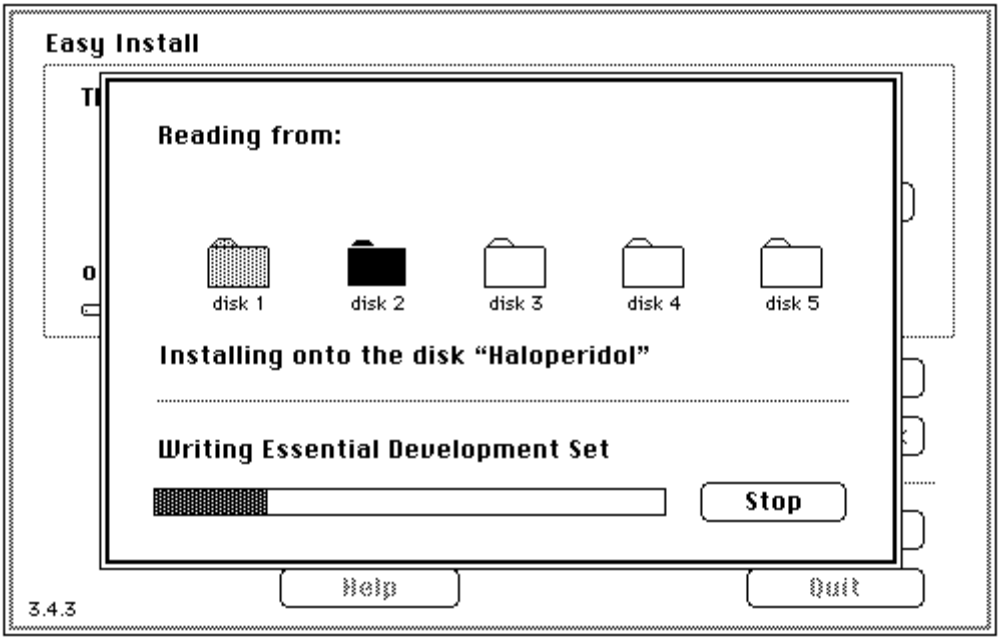

Figure 2-7 Installing your software

If the Installer displays a dialog telling you there is not enough room to install the software, delete the `Development` folder from your hard drive. Either try to free up enough space (around 11MB) or see the next section in this chapter, "Installing Just Some of the Product."

When the Installer finishes installing the software, there will be a folder called `Development`, which contains the entire programming environment.

Installing Just Some of the Product

If you don't need the entire THINK C system, or if you don't have enough disk space to install it, click the Customize button. The following dialog lets you install only the portions of the system that you want.

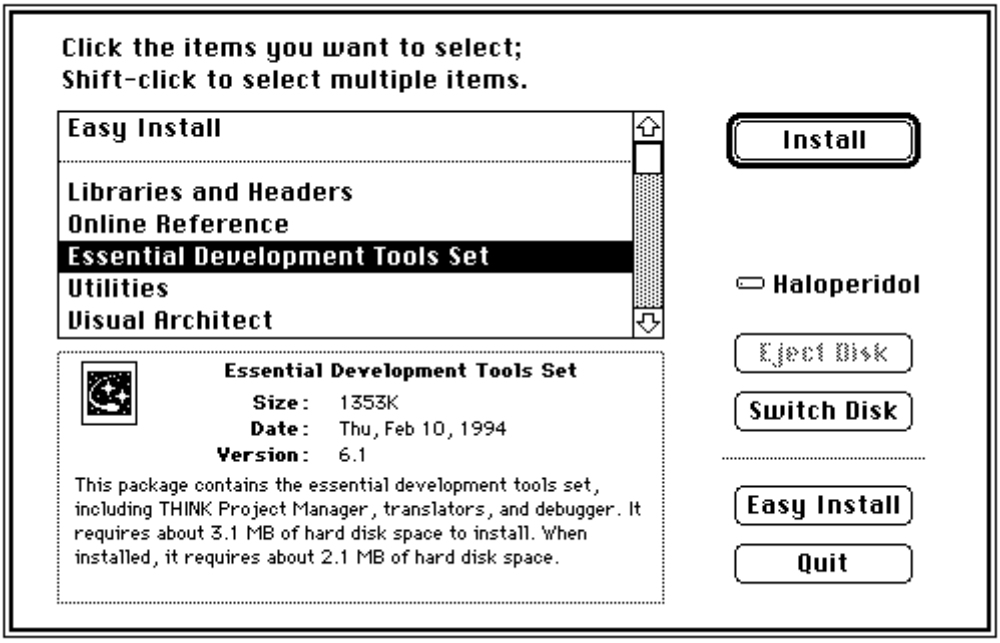

Figure 2-8 Customized installation for THINK C

To use THINK C, you need to install at least the Essential Development Tools Set, and the Libraries and Headers options. The rest are optional.

Table 2-1 lists all the options and what they contain.

Option	Description
Easy Install	The entire THINK C package. Choosing this option is the same as clicking the Easy Install button. It requires approximately 11MB of hard disk space.
Libraries and Headers	The Macintosh C and OOP libraries and headers.
Online Reference	THINK Reference and databases for the ANSI library.
Essential Development Tools Set	The THINK Project Manager, its translators, and the THINK Debugger.
Utilities	ResEdit, SADeRez, and Prototype Helper.
Scripts	Sample AppleScripts and a Frontier install file showing how to control the THINK Project Manager.
Demos	Demos to demonstrate how to use the THINK Project Manager and the C compiler.
Release Notes	Notes and other documentation that did not make it into the manual.

Table 2-2 Custom installation choices for THINK C

Installing AppleScript Runtime™

To use AppleScript, your Macintosh computer must meet the following requirements:

- System 7 or later
- At least 4MB of RAM
- At least 1MB of hard disk space available

Insert the disk labeled AppleScript Runtime, and double-click the file `Installer`. After the program begins, you see a dialog like that in Figure 2-9.

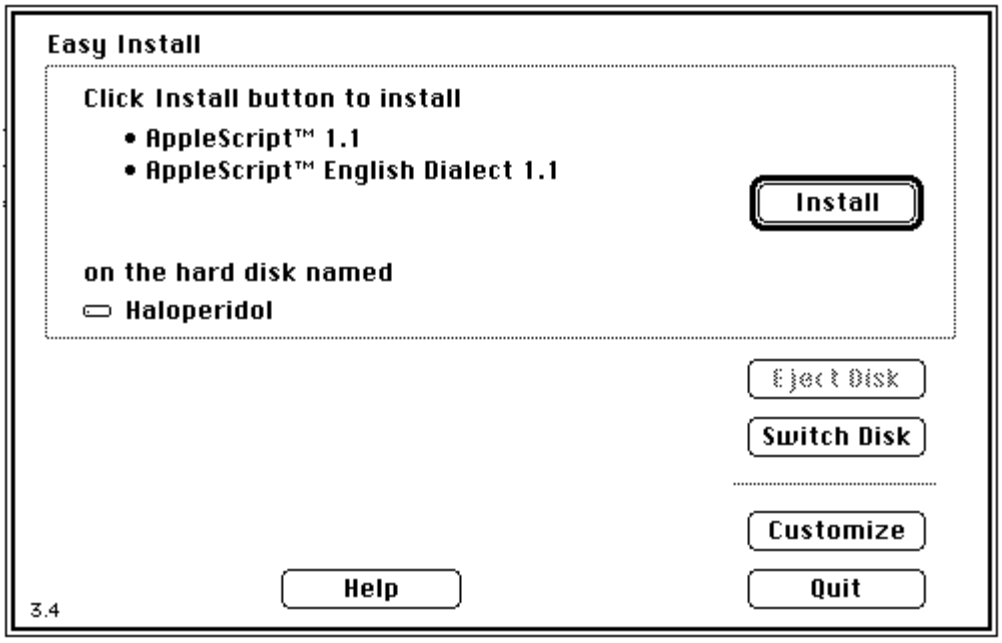

Figure 2-9 AppleScript Installer dialog

Click the Install button. The Installer takes several minutes to determine the configuration of your system and to install the software into the appropriate places on your hard drive. When the installation is complete, follow the instructions on the screen.

The installer copies the AppleScript extension and several related files into the System Folder on your hard drive. It also creates a folder called AppleScript Utilities and puts two applications inside: Script Editor and Scriptable Text Editor. The Script Editor allows you to view, edit, and create AppleScripts. Scriptable Text Editor is a small text-editing program that is scriptable with AppleScript.

Configuring the THINK Reference Databases

The THINK Reference engine is a reference application that integrates well with the THINK Project Manager. Under System 7, you can configure your system so you can Option-double-click

library functions and call up online documentation and examples of the function. If you own THINK Reference 2.0, you can configure your system so you also can get online information concerning toolbox calls directly from the THINK editor.

To use only the Symantec C++ and THINK C databases, follow these steps:

1. There is a THINK Reference application in the `Online Documentation` folder inside the `Development` folder. Make an alias to the THINK Reference application and place it in the `Tools` folder in the `Development` folder.

2. Rename the alias "THINK Reference."

If you have THINK Reference 2.0, follow these steps:

1. Move the databases from the `Online Documentation` folder in the `Development` folder to the folder where your current THINK Reference looks for its databases.

2. Make an alias to your THINK Reference application and place it in the `Tools` folder in the `Development` folder.

3. Rename the alias "THINK Reference."

After you've installed THINK Reference, launch it using the **Find in THINK Reference** command in the **Search** menu.